

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. **(Currently Amended)** A computer-implemented method for use in a Web Services system having complex UDDI object(s), the method comprising:

providing a database for storing a UDDI sub-structure comprising a plurality of UDDI objects having a plurality of attributes, wherein the plurality of attributes comprise:

at least one unique attribute that occurs only once; and

a repeating attribute that occurs more than once;

mapping the plurality of UDDI objects to a plurality of X.500 Directory objects, wherein the mapping comprises:

using a computer system to move the at least one unique attribute into at least one directory parent object within a first object class such that the at least one directory parent object comprises only unique attributes, the at least one directory parent object storing a plurality of attributes, wherein the at least one directory parent object stores at least one unique attribute that occurs only once in the at least one directory parent object and a repeating attribute that occurs more than once in the at least one directory parent object;

using a processor the computer system in communication with the database to ~~create~~ make a first directory child object for storing a ~~first~~ value associated with the repeating attribute, the first directory child object also within the first object class; and

~~using the processor to remove the repeating attribute from the at least one directory parent object such that the at least one directory parent object comprises only unique attributes; and~~

storing, in ~~the database~~ a X.500 Directory store, the value associated with the repeating attribute of the UDDI substructure in the first directory child object .

2. **(Previously Presented)** The method as recited in claim 1, further comprising using the processor to create a second directory child object for storing a second value associated with the repeating attribute, the second child object also within the first object class.

3. **(Previously Presented)** The method as recited in Claim 1, wherein the parent object is at the least one of a Business Entity, Business Service, Binding Template and TModel.

4. (Cancelled)

5. (Currently Amended) A computer recording medium including computer executable code for performing a Web Services method for use in a Web Services arrangement having complex UDDI object(s), comprising;

code for providing a database for storing a UDDI sub-structure comprising a plurality of UDDI objects having a plurality of attributes, wherein the plurality of attributes comprise:

at least one unique attribute that occurs only once; and

a repeating attribute that occurs more than once;

code for mapping the plurality of UDDI objects to a plurality of X.500 Directory objects, wherein the code for mapping comprises:

code for moving the at least one unique attribute into at least one directory parent object within a first object class such that the at least one directory parent object comprises only unique attributes, the at least one directory parent object storing a plurality of attributes, wherein the at least one directory parent object stores at least one unique attribute that occurs only once in the at least one directory parent object and a repeating attribute that occurs more than once in the at least one directory parent object;

code for ~~creating~~ making a first directory child object for storing a ~~first~~ value associated with the repeating attribute, the first child object also within the first object class; and

~~code for removing the repeating attribute from the at least one directory parent object such that the at least one directory parent object comprises only unique attributes; and~~

code for storing, in a X.500 Directory Store, the value associated with the repeating attribute of the UDDI substructure in the first directory child object, the first directory child object also within the first object class.

6. **(Previously Presented)** The computer recording medium as recited in claim 5, further comprising code for using the processor to create a second directory child object for storing a second value associated with the repeating attribute, the second child object also within the first object class.

7. **(Previously Presented)** The computer recording medium as recited in claim 5, where in the parent object is at least one of a Business Entity, Business Service, Binding Template and TModel.

8. **(Cancelled)**

9. **(Cancelled)**

10. **(Previously Presented)** The computer recording medium as recited in Claim 5, wherein the first child object is a relationship object.

11. **(Cancelled)**

12. **(Previously Presented)** The method as recited in Claim 1, wherein the first child object is a relationship object.

13. **(Previously Presented)** The method as recited in Claim 1, further comprising creating a searchable index of the first value associated with the repeating attribute.

14. **(Previously Presented)** The method as recited in Claim 1, further comprising storing at least one unique attribute in the directory parent object.

15. **(Previously Presented)** The method as recited in Claim 14, wherein the directory parent object comprises a Business Entity object and the at least one unique attribute comprises a business key.

16. **(Previously Presented)** The method as recited in Claim 15, wherein the first directory child object is selected from the group consisting of name, description, contact, discovery URL, Keyed References, and Business Services.

17. **(Previously Presented)** The computer recording medium as recited in Claim 5, further comprising creating a searchable index of the first value associated with the repeating attribute.

18. **(Previously Presented)** The computer recording medium as recited in Claim 5, further comprising storing at least one unique attribute in the directory parent object.

19. **(Previously Presented)** The computer recording medium as recited in Claim 17, wherein the directory parent object comprises a Business Entity object and the at least one unique attribute comprises a business key.

20. **(Previously Presented)** The computer recording medium as recited in Claim 18, wherein the first directory child object is selected from the group consisting of name, description, contact, discovery URL, Keyed References, and Business Services.